PTO/SB/17 (10-03)

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

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TOTAL AMOUNT OF PAYMENT (\$) 0.00

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| С | mpl t if Known |
| Application Number | 10/618042 |
| Filing Date | July 11, 2003 |
| First Named Inventor | Hiroshi Mori |
| Examiner Name | Unknown |
| Art Unit | Unknown |
| Attorney Docket No. | AD 6894 US NA |

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | |
|--|-----------------------------|-------------|------------|-------------|--|----------|
| Check Credit card Money Other None | 3. ADDITIONAL FEES | | | | | |
| Deposit Account: | | | Small - | | | |
| Deposit 0.4.4000 | Fee Code | Fee (\$) | | Fee (\$) | Fee Description | Fee Paid |
| Account Number 04-1928 | 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| Deposit Account E. I. du Pont de Nemours and Company | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| Name The Director is authorized to: (check all that apply) | 1053 | 130 | 1053 | 130 | Non-English specification | |
| Charge fee(s) indicated below Credit any overpayments | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| Charge any additional fee(s) or any underpayment of fee(s) | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| Charge fee(s) indicated below, except for the filing fee | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after | |
| to the above-identified deposit account. | 1251 | 110 | 2251 | 55 | Examiner action Extension for reply within first month | |
| FEE CALCULATION | 1251 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1. BASIC FILING FEE | 1252 | 950 | 2253 | | Extension for reply within third month | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid | 1 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| Code (\$) Code (\$) | I | 2,010 | 2255 | | Extension for reply within fifth month | |
| 1001 770 2001 385 Utility filing fee | 1401 | 330 | 2401 | ., | Notice of Appeal | |
| 1002 340 2002 170 Design filing fee | 1402 | 330 | 2402 | | Filing a brief in support of an appeal | |
| 1003 530 2003 265 Plant filing fee | 1403 | 290 | 2403 | | Request for oral hearing | |
| 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee | | 1,510 | 1451 | | Petition to institute a public use proceeding | |
| | 1452 | 110 | 2452 | | Petition to revive - unavoidable | |
| SUBTOTAL (1) (\$) 0.00 | | 1,330 | 2453 | | Petition to revive - unintentional | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | | 1.330 | 2501 | | Utility issue fee (or reissue) | |
| Fee from Ext <u>ra Claims below Fee Paid</u> | | 480 | 2502 | | Design issue fee | |
| Total Claims20** = X18 = | 1503 | 640 | 2503 | 320 | Plant issue fee | |
| Independent 3** = X X = X | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Multiple Dependent YES 290.00 = | 1807 | 50 | 1807 | 7 50 | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Small Entity | 1806 | 180 | 1806 | | Submission of Information Disclosure Stmt | |
| Fee Fee Fee Fee Fee Description Code (\$) | 8021 | 40 | 8021 | I 40 | Recording each patent assignment per property (times number of properties) | |
| 1202 18 2202 9 Claims in excess of 20 | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection | |
| 1201 86 2201 43 Independent claims in excess of 3 | 45.15 | | | | (37 CFR 1.129(a)) | \vdash |
| 1203 290 2203 145 Multiple dependent claim, if not paid | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1204 86 2204 43 ** Reissue independent claims over original patent | 1801 | 770 | 2801 | 385 | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| SUBTOTAL (2) (\$) 0.00 | Other | fee (sp | ecify) _ | | | |
| **or number previously paid, if greater; For Reissues, see above | *Red | uced by | Basic I | Filing F | ee Paid SUBTOTAL (3) (\$) | 0.00 |

| SUBMITTED BY | A 355-7 (255) F 1.1 200 1 - 000 | | | The second secon | (Complete (ii | f applicable)) |
|-------------------|---------------------------------|--------|--|--|---------------|----------------|
| Name (Print/Type) | /) Arnø | | Registration No. (Attorney/Agent) | 30,396 | Telephone | (302) 992-2394 |
| Signature | in & | - a_lu | - Marian Angel Talan (Talan Karana) and a strain of the second and a second a second and a second a second and a second an | | Date | 12-15-02 |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

HIROSHI MORI

CASE NO.: AD6894USNA APPLICATION NO.: 10/618042

CONFIRMATION NO.: UNKNOWN GROUP ART UNIT: UNKNOWN

EXAMINER: UNKNOWN FILED: JULY 11, 2003

FOR: A PROCESS FOR LASER WELDING TOGETHER ARTICLES OF POLYESTER

RESIN COMPOSITOINS AND RELATED PRODUCTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants would like to bring to the attention of the U.S. Patent and Trademark Office information that may be helpful in the examination of the above-identified patent application. All of the information is listed on an attached Form PTO/SB/08. A copy of the information is attached hereto.

In accordance with the provisions of 37 CFR 1.97(e)(1), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

Respectfully submitted,

ARNE **Ŕ**. JARNHOLM

ATTORNEY FOR APPLICANT

Registration No.: 30,396 Telephone: (302) 992-2394 Facsimile: (302) 992-3257

Dated: /2-/5-03

Enclosures

 $S: \label{local-polymers} AD-68xx \label{local-polymers} AD-$



Certificate of Mailing und r 37 CFR 1.8

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10/618,043 AD 6894 Information Disclosure Statement References Fee Transmittal 1449 Form O TE JOOT TOWN

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PTO/SB/08A (08-03)
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Application Number

Filing Date

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

First Named Inventor HIROSHI MORI
Group Art Unit Unknown
Examiner Name Unknown

10/618042

July 11, 2003

Attorney Docket Number AD6894USNA

| | U.S. PATENT DOCUMENTS | | | | | | | |
|------------------------|-----------------------|--|-----------------------------|--|---|--|--|--|
| Examiner Initials * | Cite No.1 | Document Number Number - Kind Code ² (if known | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
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| | FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|---------------|--------------------------|--|------------------|-----------------------------|---|----|--|--|--|--|
| Examiner Cite | Cite | Foreign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where | | | | | |
| | | CountryCode ³ Number ⁴ Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | Тв | | | | |
| | | EP 0 839 634 A2 | 05-06-1998 | Schneider Inc. | | | | | | |
| · | | WO 00/20157 | 04-13-2000 | The Welding Institute | | | | | | |
| | - | WO 97/47796 | 12-18-1997 | Akzo Nobel | | | | | | |
| | | WO 01/58997 | 08-16-2001 | E.I. Dupont | | | | | | |
| | | WO 02/055287 | 07-18-2002 | Basf | | | | | | |
| | | WO 02/057353 | 07-25-2002 | E.I. Dupont | | | | | | |
| | | EP 01 029 65 D A1 | 08-23-2003 | Ticona GmbH | | | | | | |
| | | EP 103 404 A1 | 05-02-2003 | Bayer | | | | | | |
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| Examiner Signature | Date Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto. or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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